

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Cancelled).
2. (Cancelled).
- 5 3. (Cancelled).
4. (Cancelled).
- 10 5. (Cancelled).
6. (Cancelled).
7. (Cancelled).
- 15 8. (Cancelled).
9. (Cancelled).
- 20 10. (Cancelled).
11. (Cancelled).
12. (Cancelled).
- 25 13. (Cancelled).
14. (Cancelled).

15. (Cancelled)

16. (Cancelled).

5 17. (Cancelled).

18. (Cancelled)

19. (Currently Amended) A method for periodically broadcasting levels of
10 detail of stroke data, comprising the steps of:

determining original stroke data from a whiteboard;

for each of a plurality of levels of detail, determining predicted stroke data
from the original stroke data, wherein the step of determining predicted stroke data
further comprises the steps of: for a lowest level of detail, determining segmentation
15 points of the original stroke data and using the segmentation points as the predicted
stroke data for the lowest level of detail; and for higher levels of detail, determining
feature points determined by using an area-based error method that uses points in a lower
level of detail, wherein the feature points are used as the predicted stroke data; and
periodically transmitting the predicted stroke data for each level of detail.

20

20. (Original) The method of claim 19, wherein the step of periodically
transmitting further comprises the steps of:

determining a latency for each level of detail; and

transmitting each level of detail within its respective latency.

25

21. (Original) The method of claim 20, further comprising the step of
determining bandwidth for each level of detail by using a respective latency.

22. (Cancelled)

30

23. (Currently Amended) The method of claim 19 22, wherein the step of determining feature points determined by using an area-based error method that uses points in a lower level of detail further comprises the steps of:

determining two points that are contained in a lower level of detail; and

5 iterating the following steps until a first area is within a predetermined amount from a second area:

selecting a prediction point from the original stroke data, wherein the prediction point is between the two points on a line formed by the original stroke data;

10 selecting a local point immediately prior to or after the prediction point on the line formed by the original stroke data;

determining the first area of a triangle formed by the prediction point, one of the two points, and the local point;

15 determining the second area of a triangle formed by the prediction point, the other of the two points, and the local point;

comparing the first and second areas; and

when the first area is within a predetermined amount from the second area, selecting the prediction point as a feature point.

20 24. (Original) The method of claim 19, further comprising the steps of:

receiving a set of the levels of detail; and

displaying this set of the levels of detail by combining points from the each level of detail in the set.

25 25. (Cancelled)

26. (Cancelled)

27. (Cancelled)

30

28. (Cancelled)

29. (Cancelled)

5 30. (Cancelled)

31. (Cancelled).

32. (Cancelled).

10

33. (Cancelled).

34. (Cancelled).

15 35. (Cancelled).

36. (Cancelled).

37. (Cancelled).

20

38. (Currently Amended) A system for periodically broadcasting levels of detail of stroke data, comprising:

a memory that stores computer-readable code; and

a processor operatively coupled to the memory, the processor configured

25 to implement the computer-readable code, the computer-readable code configured to:

determine original stroke data from a whiteboard;

for each of a plurality of levels of detail, determine predicted stroke data from the original stroke data, wherein the computer-readable code is further configured, when determining predicted stroke data, to: for a lowest level of detail, determine
30 segmentation points of the original stroke data and using the segmentation points as the

predicted stroke data for the lowest level of detail; and for higher levels of detail,
determine feature points determined by using an area-based error method that uses points
in a lower level of detail, wherein the feature points are used as the predicted stroke data;
and

5 periodically transmit the predicted stroke data for each level of detail.

39.-59. (Cancelled)